

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 5    | ("3610228" "4790193" "4817629" "5935083" "6102071").PN.  | USPAT   | OR               | ON      | 2006/11/07 14:25 |
| L2    | 18   | ("0934286"   "2245271"   "3109426"   "4324239"   "4361147"   "4429856"   "4497468"   "4957483"   "5019055").PN. OR ("5514110").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2006/11/07 15:15 |
| L3    | 218  | manometer stopcock   | US-PGPUB;<br>USPAT;<br>USOCR                                      | SAME             | ON      | 2006/11/07 15:16 |
| S1    | 1781 | (604/523).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/09/04 21:10 |
| S2    | 0    | (604/523.000).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/03/28 11:53 |
| S3    | 986  | S1 and lumen   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/28 11:54 |
| S4    | 926  | S1 and lumen and catheter  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/28 11:55 |
| S5    | 387  | S1 and lumen and catheter and guidewire  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/28 12:50 |
| S6    | 13   | ("20040039372" "20040059291" "20040059369" "20040122363" "4988356" "6800065").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/28 12:50 |
| S7    | 0    | ("2004/0039372").URPN.   | USPAT   | OR               | ON      | 2006/03/28 13:12 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S8  | 41   | ("4748982"   "4762129"   "4988356"   "5040548"   "5061273"   "5171222"   "5205822"   "5263932"   "5290241"   "5300085"   "5324269"   "5334187"   "5350395"   "5357978"   "5387226"   "5389087"   "5409459"   "5451233"   "5458639"   "5460185"   "5496346"   "5501227"   "5533968"   "5549556"   "5571094"   "5578009"   "5626600"   "5685312"   "5718680"   "5749888"   "5769868"   "5868706"   "5919175"   "5947925"   "6036715"   "6096009"   "6165197"   "6193686"   "6196995"   "6322577"   "RE36857").PN. OR ("6800065").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/03/28 13:25 |
| S9  | 43   | quinn and varma  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/30 10:37 |
| S10 | 18   | quinn and varma and catheter and system  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/30 10:44 |
| S11 | 2670 | 604/110  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/30 12:22 |
| S12 | 34   | "3827434"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/30 12:23 |
| S13 | 3    | ("20030191491"   "5334187"   "5718680").PN. OR ("6893417").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/03/30 13:31 |

## EAST Search History

|     |     |  |   |     |     |                  |
|-----|-----|--|---|-----|-----|------------------|
| S14 | 34  | ("4517979"   "4545367"   "4771777"   "4988356"   "5002556"   "5024658"   "5171222"   "5181921"   "5205822"   "5222970"   "5267958"   "5425714"   "5439445"   "5536250"   "5578009"   "5591194").PN. OR ("5718680").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR  | ON  | 2006/03/30 16:06 |
| S15 | 4   | ("10251477").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2006/03/30 16:07 |
| S16 | 93  | gribbons   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/03/30 16:07 |
| S17 | 2   | ("6699218").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2006/03/30 18:00 |
| S18 | 0   | (604/93.010).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2006/04/02 13:16 |
| S19 | 595 | (604/93.01).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2006/04/02 14:57 |
| S20 | 0   | ("polyurethaneandthromboticandmoietiesandwireandHelic\$").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2006/04/02 14:58 |
| S21 | 121 | polyurethane thrombotic moieties<br>wire Helic\$   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/04/02 14:59 |
| S22 | 0   | ("2004/0133155").URPN.   | USPAT   | OR  | ON  | 2006/04/02 15:21 |

## EAST Search History

|     |        |   |   |    |     |                  |
|-----|--------|---|---|----|-----|------------------|
| S23 | 2      | ("4911717").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/02 15:21 |
| S24 | 51     | ("3093831"   "3734851"   "4286584"<br>  "4309776"   "4402694"  <br>"4409331"   "4432752"   "4588407"<br>  "4673394").PN. OR ("4911717").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/04/02 15:22 |
| S25 | 0      | ("2002/0193734").URPN.  | USPAT   | OR | ON  | 2006/04/02 16:49 |
| S26 | 142367 | moieties  | USPAT   | OR | ON  | 2006/04/02 16:49 |
| S27 | 9      | moieties and sprial   | USPAT   | OR | ON  | 2006/04/02 16:50 |
| S28 | 8256   | moieties and helix  | USPAT   | OR | ON  | 2006/04/02 16:50 |
| S29 | 8840   | moieties and helic\$  | USPAT   | OR | ON  | 2006/04/02 16:50 |
| S30 | 618    | moieties and helic\$ and<br>polyurethane  | USPAT   | OR | ON  | 2006/04/02 16:50 |
| S31 | 0      | ("2002/0193734").URPN.  | USPAT   | OR | ON  | 2006/04/02 17:57 |
| S32 | 8      | ((("6372244") or ("6113938") or<br>("6322804") or ("4911717"))).PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/02 17:58 |
| S33 | 0      | ((("3818913" "3930505" "5562692" "5616120" "5674226" "5735815" "5853384" "5865790" "5885243" "6110162" "6179805" "6440103" "6527766").PN.)).PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/04/03 14:06 |
| S34 | 24     | ("3818913" "3930505" "5562692" "5616120" "5674226" "5735815" "5853384" "5865790" "5885243" "6110162" "6179805" "6440103" "6527766").PN.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/03 14:06 |

## EAST Search History

|     |    |  |                              |    |    |                  |
|-----|----|--|------------------------------|----|----|------------------|
| S35 | 83 | ("3353537"   "3452745"   "3515130"   "3542017"   "3561433"   "3605745"   "3768472"   "3792701"   "3811795"   "3906954"   "3930505"   "3994297"   "4018623"   "4278078"   "4282867"   "4365752"   "4412823"   "4515532"   "4534340"   "4560373"   "4561856"   "4570632"   "4583531"   "4589412"   "4655197"   "4690672"   "4705500"   "4764165"   "4776840"   "4790824"   "4817599"   "4861340"   "4898574"   "4913698"   "4944726"   "4950238"   "5019037"   "5033961"   "5037431"   "5046486"   "5049124"   "5064413"   "5135482"   "5135484"   "5176645"   "5218956").PN. OR ("5562692").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/04/04 11:56 |
| S36 | 69 | "3941121"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/04/04 11:56 |
| S37 | 72 | ("3090378"   "3434775"   "3556085"   "3643653").PN. OR ("3941121").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/04/04 12:20 |
| S38 | 31 | ("2102274"   "3556085"   "3769963"   "3941121"   "4319563"   "4364629"   "4566438"   "4569333"   "4623789"   "4624243"   "4658825"   "4664486"   "4795434"   "4877016"   "4905082"   "4913151"   "5095887"   "5199417"   "5270855"   "5271380"   "5295477"   "5396366"   "5431151"   "5496261"   "5612816"   "5630784"   "5632718"   "5702350"   "5785704"   "5800165").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/04/04 15:20 |
| S39 | 44 | ("2699770"   "2932294"   "3349762"   "3556085"   "3961621"   "4269192").PN. OR ("4566438").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/04/04 15:27 |
| S40 | 35 | ("4273127"   "4566438"   "4620547"   "4669467"   "4740047"   "4819632"   "4832979"   "4852567"   "5000752"   "5041121"   "5093877"   "5253312").PN. OR ("5428699").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/04/07 13:11 |
| S41 | 44 | ("2699770"   "2932294"   "3349762"   "3556085"   "3961621"   "4269192").PN. OR ("4566438").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/04/10 12:11 |

## EAST Search History

|     |     |  |   |     |     |                  |
|-----|-----|--|---|-----|-----|------------------|
| S42 | 4   | ("3941121").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2006/04/10 12:12 |
| S43 | 72  | ("3090378"   "3434775"   "3556085"<br>  "3643653").PN. OR ("3941121").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR  | ON  | 2006/04/10 12:13 |
| S44 | 31  | ("2102274"   "3556085"   "3769963"<br>  "3941121"   "4319563"  <br>"4364629"   "4566438"   "4569333"<br>  "4623789"   "4624243"  <br>"4658825"   "4664486"   "4795434"<br>  "4877016"   "4905082"  <br>"4913151"   "5095887"   "5199417"<br>  "5270855"   "5271380"  <br>"5295477"   "5396366"   "5431151"<br>  "5496261"   "5612816"  <br>"5630784"   "5632718"   "5702350"<br>  "5785704"   "5800165").PN. OR<br>("6490083").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR  | ON  | 2006/04/10 12:46 |
| S45 | 0   | ("5071104" "5941859" "6125843")<br>.PN.).PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2006/04/10 16:18 |
| S46 | 6   | ("5071104" "5941859" "6125843").<br>PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/10 16:18 |
| S47 | 22  | ("0238388"   "0423198"   "0790318"<br>  "2331117"   "3529774"  <br>"4583531"   "4655197"   "4930997"<br>  "4934358"   "5020526"  <br>"5046486"   "5505193"   "5819801"<br>  "5921233").PN. OR ("6125843").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR  | ON  | 2006/04/10 16:23 |
| S48 | 18  | ("0274447"   "0820987"   "2755060"<br>  "4214583"   "4267835"  <br>"4270533"   "4626243").PN. OR<br>("5071104").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR  | ON  | 2006/04/11 10:03 |
| S49 | 0   | "10472213"   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR  | ON  | 2006/04/11 10:04 |
| S50 | 481 | apparatus flushing organs humans<br>animals peripheral   | US-PGPUB;<br>USPAT;<br>USOCR                                      | AND | ON  | 2006/04/11 10:04 |

## EAST Search History

|     |     |   |                              |      |    |                  |
|-----|-----|---|------------------------------|------|----|------------------|
| S51 | 1   | apparatus flushing organs humans<br>animals peripheral  | US-PGPUB;<br>USPAT;<br>USOCR | SAME | ON | 2006/04/11 10:04 |
| S52 | 22  | ("0238388"   "0423198"   "0790318"<br>  "2331117"   "3529774"  <br>"4583531"   "4655197"   "4930997"<br>  "4934358"   "5020526"  <br>"5046486"   "5505193"   "5819801"<br>  "5921233").PN. OR ("6125843").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR   | ON | 2006/04/11 12:05 |
| S53 | 69  | ("2246932"   "3433983"   "3537444"<br>  "3589363"   "3610782"  <br>"3762648"   "3801019"   "3870039"<br>  "3958756"   "3982540"  <br>"4190207"   "4215476"   "4282873"<br>  "4299221"   "4350477").PN. OR<br>("4655197").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR   | ON | 2006/04/11 12:54 |
| S54 | 162 | pressostat  | US-PGPUB;<br>USPAT;<br>USOCR | OR   | ON | 2006/04/11 12:54 |
| S55 | 18  | ("0274447"   "0820987"   "2755060"<br>  "4214583"   "4267835"  <br>"4270533"   "4626243").PN. OR<br>("5071104").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR   | ON | 2006/04/11 16:40 |
| S56 | 63  | ("1845343"   "3071402"   "3153414"<br>  "3208145"   "3429313"  <br>"3626959"   "3640277"   "3645497"<br>  "3674024"   "3749090"  <br>"3834388"   "3847371"   "3889675"<br>  "3929126"   "3964484"  <br>"4090514"   "4299221"   "4397640"<br>  "4508532"   "4526573"  <br>"4539005"   "4551129"   "4562838"<br>  "4573979"   "4576593"  <br>"4626243"   "4642090"   "4668215"<br>  "4676779"   "4680026"  <br>"4690762"   "4705500"   "4764165"<br>  "4787889"   "4787891"  <br>"4913698"   "4941872"   "4968298"<br>  "4983160"   "5053011"  <br>"5059182"   "5064168"   "5071104"<br>  "5104394"   "5133701"  <br>"5178606"   "5228646"  <br>"5228647").PN. OR ("5419772").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR   | ON | 2006/04/11 16:49 |
| S57 | 70  | ("2319498"   "2752951"   "3298367"<br>  "3469578"   "3517700"  <br>"3640277"   "3850348").PN. OR<br>("4626243").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR   | ON | 2006/04/11 17:42 |

## EAST Search History

|     |        |   |   |      |    |                  |
|-----|--------|---|---|------|----|------------------|
| S58 | 22     | ("0238388"   "0423198"   "0790318"   "2331117"   "3529774"   "4583531"   "4655197"   "4930997"   "4934358"   "5020526"   "5046486"   "5505193"   "5819801"   "5921233").PN. OR ("6125843").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR   | ON | 2006/04/12 14:44 |
| S59 | 10     | ("20040039372" "20040122363" "4776846" "4988356" "5222970").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2006/06/20 10:45 |
| S60 | 2      | ("6659983").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2006/09/04 21:33 |
| S61 | 52     | ("4362156" "5030212" "5085639" "5088982" "5120320" "5154699" "5167635" "5192275" "5300039" "5433703" "5498241" "5501672" "5505711" "5512050" "5591138" "5704917" "5772638" "5779679" "5800404" "5928199" "5931815" "5989226" "6171284" "6210371" "6447498" "6659983" "RE36447").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2006/09/04 21:33 |
| S62 | 11     | ("3610228" "4790193" "4817629" "5935083" "6102071").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2006/11/01 10:13 |
| S63 | 12     | ("3610228"   "3670729"   "3920002"   "3942382"   "4846191"   "4924872"   "4947856"   "5105820"   "5203866"   "5205828"   "5218965"   "5573807").PN. OR ("5935083").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR   | ON | 2006/11/01 10:23 |
| S64 | 228374 | rod valve   | US-PGPUB;<br>USPAT;<br>USOCR                                      | SAME | ON | 2006/11/01 10:24 |
| S65 | 18     | ("3675891"   "4341224"   "4509946"   "4537387"   "4576181"   "4624662"   "4638811"   "4645496"   "4648868"   "4703759"   "4739770").PN. OR ("4947856").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR   | ON | 2006/11/01 12:19 |



## EAST Search History

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S66 | 27  | ("3675891"   "4192303"   "4245636"   "4278083"   "4291702"   "4300571"   "4341224"   "4373524"   "4381591"   "4410164"   "4414999").PN. OR ("4509946").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/11/01 13:20 |
| S67 | 30  | ("3298367"   "3675891").PN. OR ("4192303").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/11/01 13:27 |
| S68 | 97  | ("1920006"   "2118631"   "2320157"   "2393003"   "2854982"   "3000380"   "3020913"   "3111125"   "3128769"   "3185152"   "3308819"   "3565074"   "3598118"   "3630198"   "3633579"   "3633585"   "3685513"   "3742958"   "3769982"   "3792703"   "3885561"   "3888249"   "3890970"   "3933080"   "3995623"   "4037600"   "4068659"   "4072146"   "4147165"   "4192303"   "4193400"   "4214593"   "4239042"   "4240434"   "4266999"   "4327722"   "4341239"   "4342315"   "4431426"   "4434810"   "4475898"   "4529399"   "4547194"   "4549879"   "4559046"   "4668221"   "4671796"   "4701166"   "4737152"   "4790817"   "Re31873").PN. OR ("5160325").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/11/01 13:57 |
| S69 | 895 | (604/246).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/01 13:58 |
| S70 | 0   | (604/246andvalve).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/11/01 13:58 |
| S71 | 570 | S69 and valve  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/11/01 13:58 |

## EAST Search History

|     |    |   |                              |    |    |                  |
|-----|----|---|------------------------------|----|----|------------------|
| S72 | 20 | ("2618977"   "3365949"   "3720201"<br>  "4267833"   "4432468"  <br>"4507116"   "4606391"   "4690514"<br>  "4735613"   "5053011"  <br>"5053012"   "5147310"  <br>"5211632").PN. OR ("5346477").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/11/01 15:02 |
| S73 | 18 | ("0934286"   "2245271"   "3109426"<br>  "4324239"   "4361147"  <br>"4429856"   "4497468"   "4957483"<br>  "5019055").PN. OR ("5514110").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/11/01 15:29 |
| S74 | 29 | ("2245271"   "4062360"   "4143853"<br>  "4449693"   "4703759"  <br>"4931050"   "5061253"   "5084021"<br>  "5098405"   "5221268"  <br>"5238026"   "5273542"   "5300034"<br>  "5318515"   "5336174"  <br>"5336192"   "5409477"   "5453096"<br>  "5453097"   "5499968"  <br>"5505701"   "5514110"   "5520661"<br>  "5520665"   "5531688"  <br>"5752935"   "5785685").PN. OR<br>("5993416").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/11/01 15:38 |
| S75 | 17 | ("2245271").URPN.   | USPAT                        | OR | ON | 2006/11/07 14:25 |